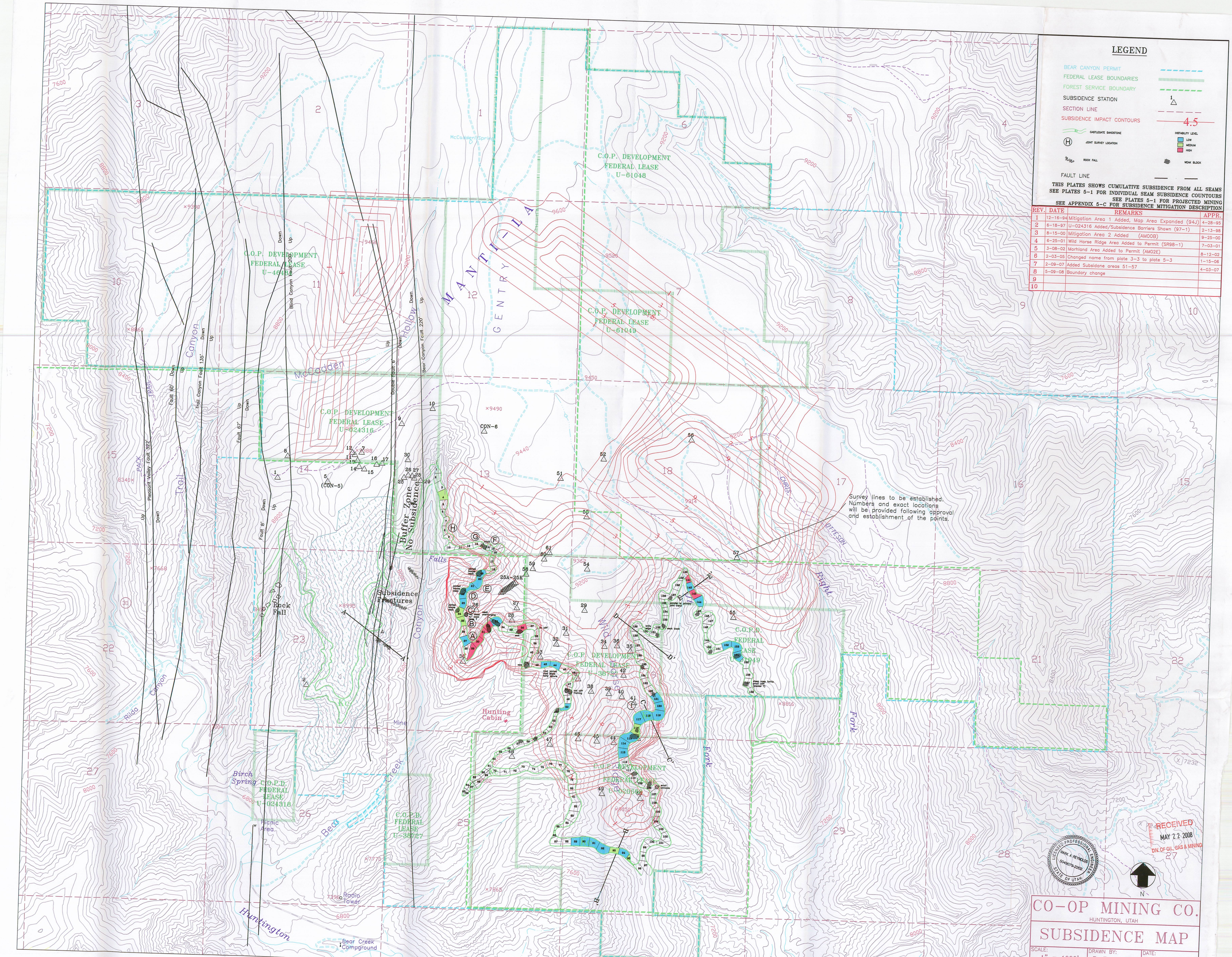

LEGEND

BEAR CANYON PERMIT

FEDERAL LEASE BOUNDARIES

FOREST SERVICE BOUNDARY

SUBSIDENCE STATION

SECTION LINE

SUBSIDENCE IMPACT CONTOURS 4.5

CASTLEGATE SANDSTONE

INSTABILITY LEVEL
LOW
MEDIUM
HIGH

JOINT SURVEY LOCATION

ROCK FALL

WEAK BLOCK

FAULT LINE

THIS PLATES SHOWS CUMULATIVE SUBSIDENCE FROM ALL SEAMS
SEE PLATES 5-1 FOR INDIVIDUAL SEAM SUBSIDENCE COUNTOURS
SEE PLATES 5-1 FOR PROJECTED MINING
SEE APPENDIX 5-C FOR SUBSIDENCE MITIGATION DESCRIPTION

REV.	DATE	REMARKS	APPR.
1	12-16-94	Mitigation Area 1 Added, Map Area Expanded (94J)	4-28-95
2	6-18-97	U-024316 Added/Subsidence Barriers Shown (97-1)	2-13-98
3	8-15-00	Mitigation Area 2 Added (AM00B)	9-25-00
4	6-25-01	Wild Horse Ridge Area Added to Permit (SR98-1)	7-03-01
5	3-08-02	Mortland Area Added to Permit (AM02E)	8-12-02
6	2-03-05	Changed name from plate 3-3 to plate 5-3	1-15-06
7	2-09-07	Added Subsidane areas 51-57	4-03-07
8	5-09-08	Boundary change	
9			
10			

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DIV. OF OIL, GAS & MINING

LICENSED PROFESSIONAL ENGINEER
MARK A. REYNOLDS
5049079-2202
STATE OF UTAH

N

CO-OP MINING CO.

HUNTINGTON, UTAH

SUBSIDENCE MAP

SCALE:	DRAWN BY:	DATE:
1" = 1000'		